

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Assistant Commissioner for Patents, Washington, D.C. 20231.

Date: October 24, 2001

Brian M. Berliner



PATENT  
512539-171

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: SYMONS et al.

Serial No.: 09/921,529

Filed: July 31, 2001

Title: Multi-Stage Cavity Cyclotron  
Resonance Accelerator

Art Unit: 2881

Examiner:

RECEIVED  
JAN 22 2002  
TC 2800 MAIL ROOM

**INFORMATION DISCLOSURE STATEMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In accordance with 37 C.F.R. § 1.56, Applicants submit herewith the attached Information Disclosure Statement Form PTO-1449 in connection with the above-identified patent application along with a copy of each reference (5). The statement is not a representation that all of the information cited is necessarily effective as prior art against the application.

Respectfully submitted,

Date: October 24, 2001


Brian M. Berliner  
Attorney for Applicants  
Registration No. 34,549

**O'MELVENY & MYERS LLP**  
400 So. Hope Street  
Los Angeles, CA 90071-2899  
Telephone: (213) 430-6000

RECEIVED  
FEB 23 2002  
TECHNOLOGY CENTER 2800

GP/2881  
#6/105  
14.03.02

FORM PTO-1449 (MODIFIED)	ATTY. DOCKET NO. 512539-171	SERIAL NO. 09/921,529
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANTS INFORMATION DISCLOSURE STATEMENT  (USE SEVERAL SHEETS IF NECESSARY)	APPLICANTS: Robert S. SYMONS, Jay L. HIRSHFIELD and Changbiao WANG	
	FILING DATE: July 31, 2001	GROUP: 2881

Reference Designation  U.S. Patents

Examiner Initial	Document Number	Date	Name	Class	Filing Date Subclass if appropriate
	AA				
	AB				
	AC				
	AD				
	AE				
	AF				
	AG				
	AH				
	AI				
	AJ				
	AK				
	AL				

#### FOREIGN PATENT DOCUMENTS

Document Number	Date	Country	Class	Filing Date Subclass if appropriate
AM				
AN				
AO				
AP				
AQ				

#### OTHER ART (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

AR By R.S. Symons and H.R. Jory "Cyclotron Resonance Devices"	1981 Copyright by Academic Press Inc. ISBN 0-12-014655-X, Pg. 1-75; Advances in Electronics and Electron Physics, Vol. 55, Varian Associates, Palo Alto, California
AS By J.L. Hirshfield, M.A. LaPointe and A.K. Ganguly, R.B. Yoder and Changbiao Wang; "Multimegawatt Cyclotron Autoresonance Accelerator"	1996 American Institute of Physics; Physics Plasmas Vol. 3, No. 5, May 1996, Pg. 2163-2168
AT By M.A. LaPointe, R.B. Yoder, Changbiao Wang, A.K. Ganguly and J.L. Hirshfield; "Experimental Demonstration of High Efficiency Electron Cyclotron Autoresonance Acceleration"	1996 The American Physical Society, Vol. 76, No. 15, Pg 2718-2721, Physical Review Letters, April 8, 1996

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (MODIFIED)	ATTY. DOCKET NO. 512539-171	SERIAL NO. 09/921,529
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANTS INFORMATION DISCLOSURE STATEMENT  (USE SEVERAL SHEETS IF NECESSARY)	APPLICANTS: Robert S. SYMONS, Jay L. HIRSHFIELD and Changbiao WANG	
	FILING DATE: July 31, 2001	GROUP: 2881

Reference Designation

U.S. Patents

Examiner Initial	Document Number	Date	Name	Class	Filing Date Subclass if appropriate
---------------------	-----------------	------	------	-------	---

AA  
AB  
AC  
AD  
AE  
AF  
AG  
AH  
AI  
AJ  
AK  
AL

## FOREIGN PATENT DOCUMENTS

Document Number	Date	Country	Class	Filing Date Subclass if appropriate
-----------------	------	---------	-------	---

AM  
AN  
AO  
AP  
AQ

## OTHER ART (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

AR By Changbiao Wang and J.L. Hirshfield "Energy Limit in Cyclotron Autoresonance Acceleration"	1995 The American Physical Society, Physical Review E, Vol. 51, No. 3, March 1995, pg. 2456-2464
---	--

AS By H.R. Jory and A.W. Trivelpiece "Charged-Particle Motion in Large-Amplitude Electromagnetic Fields"	June 1968, Journal of Applied Physics, Vol. 10, No. 7, pg. 3053-3060
--	--

AT

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.